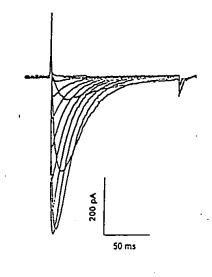
α_{1G}



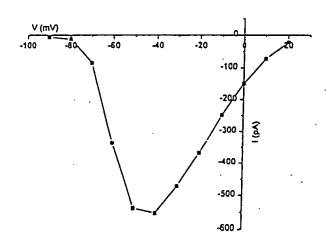
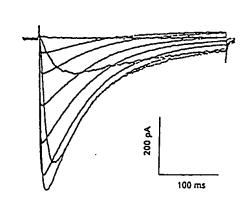


Fig. 1A

Fig. 1B

 α_{1l}



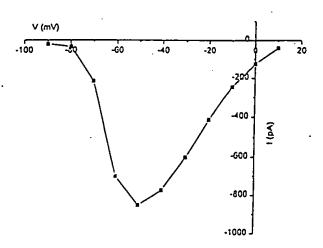
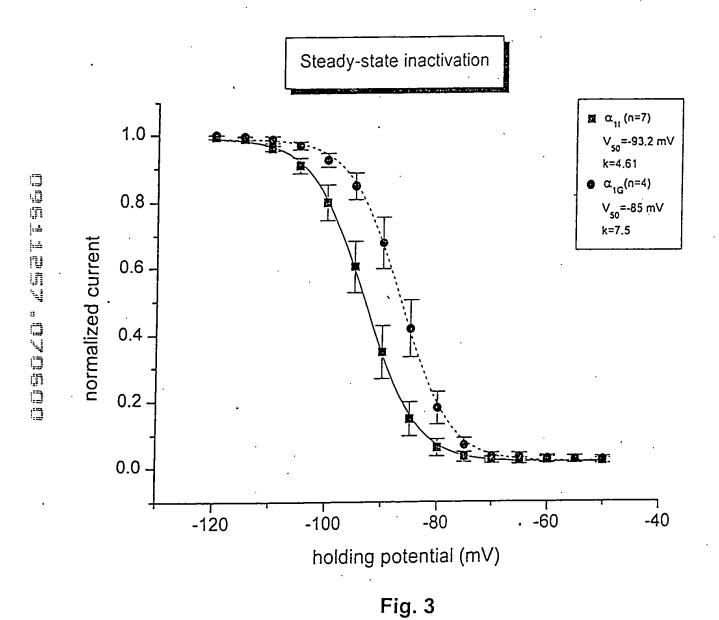
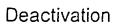


Fig. 2A

Fig. 2 B





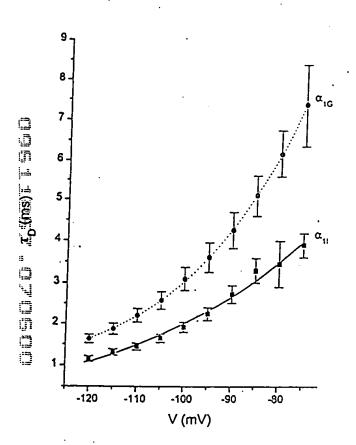
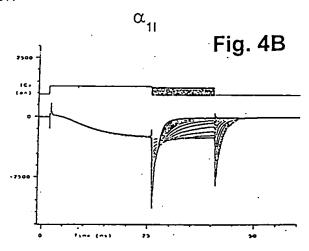


Fig. 4A



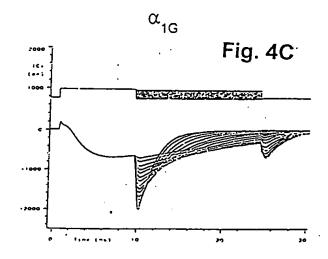
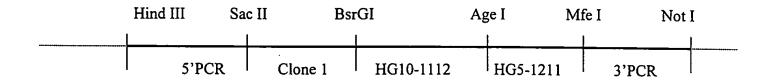
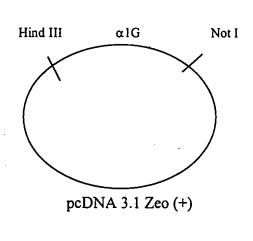
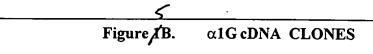
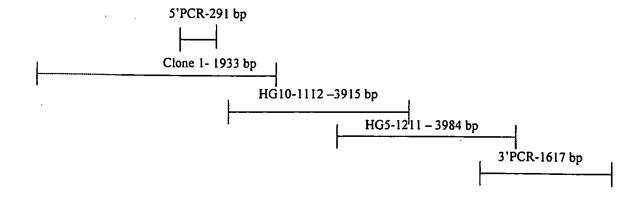


Figure 1/A. α1G cDNA construct









DOMINET, OFDECO

Human α1 G T-type calcium channel cDNA

| . 1 | aag | cttg | cttg | cccc | tctc | cgga | tcgc | ccgg | ggcc | ccgg | ctgg | ccag | | | | | | | | GGA G | 71 7 |
|-------------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
| 72 | GCG | GGC | GCC | GAG | GAG | TCG | GGA | CAG | CCC | CGG | AGC | TTC | ATG | CGG | CTC | AAC | GAC | CTG | TCG | GGG | 131 |
| 8 | A | G | A | E | E | S | G | Q | P | R | S | F | M | R | L | N | D | L | S | G | 27 |
| 132 | GCC | GGG | GGC | CGG | CCG | GGG | CCG | GGG | TCA | GCA | GAA | AAG | GAC | CCG | GGC | AGC | GCG | GAC | TCC | GAG | 191 |
| 28 | A | G | G | R | P | G | P | G | S | A | E | K | D | P | G | S | A | D | S | E | 47 |
| 192 | GCG | GAG | GGG | CTG | CCG | TAC | CCG | GCG | CTG | GCC | CCG | GTG | GTT | TTC | TTC | TAC | TTG | AGC | CAG | GAC | 251 |
| 48 | A | E | G | L | P | Y | P | A | L | A | P | V | V | F | F | Y | L | S | Q | D | 67 |
| 252 | AGC | CGC | CCG | CGG | AGC | TGG | TGT | CTC | CGC | ACG | GTC | TGT | AAC | CCC | TGG | TTT | GAG | CGC | ATC | AGC | 311 |
| 68 | S | R | P | R | S | W | C | L | R | T | V | C | N | P | W | F | E | R | I | S | 87 |
| 312 | ATG | TTG | GTC | ATC | CTT | CTC | AAC | TGC | GTG | ACC | CTG | GGC | ATG | TTC | CGG | CCA | TGC | GAG | GAC | ATC | 371 |
| 88 | M | L | V | I | L | L | N | C | V | T | L | G | M | F | R | P | C | E | D | I | 107 |
| 372 | GCC | TGT | GAC | TCC | CAG | CGC | TGC | CGG | ATC | CTG | CAG | GCC | TTT | GAT | GAC | TTC | ATC | TTT | GCC | TTC | 431 |
| 108 | A | C | D | S | Q | R | C | R | I | L | Q | A | F | D | D | F | I | F | A | F | 127 |
| 432 | TTT | GCC | GTG | GAG | ATG | GTG | GTG | AAG | ATG | GTG | GCC | TTG | GGC | | TTT | GGG | AAA | AAG | TGT | TAC | 491 |
| 128 | F | A | V | E | M | V | V | K | M | V | A | L | G | | F | G | K | K | C | Y | 147 |
| 492 | CTG | GGA | GAC | ACT | TGG | AAC | CGG | CTT | GAC | TTT | TTC | ATC | GTC | ATC | GCA | GGG | ATG | CTG | GAG | TAC | 551 |
| 148 | L | G | D | T | W | N | R | L | D | F | F | I | V | I | A | G | M | L | E | Y | 167 |
| 552 | TCG | CTG | GAC | CTG | CAG | AAC | GTC | AGC | TTC | TCA | GCT | GTC | AGG | ACA | GTC | CGT | GTG | CTG | CGA | CCG | 611 |
| 168 | S | L | D | L | Q | N | V | S | F | S | A | V | R | T | V | R | V | L | R | P | 187 |
| 612 | CTC | AGG | GCC | ATT | AAC | CGG | GTG | CCC | AGC | ATG | CGC | ATC | CTT | GTC | ACG | TTG | CTG | CTG | GAT | ACG | 671 |
| 188 | L | R | A | I | N | R | V | P | S | M | R | I | L | V | T | L | L | L | D | T | 207 |
| 672 | CTG | P | ATG | CTG | GGC | AAC | GTC | CTG | CTG | CTC | TGC | TTC | TTC | GTC | TTC | TTC | ATC | TTC | GGC | ATC | 731 |
| 208 | L | CCC | M | L | G | N | V | L | L | L | C | F | F | V | F | F | I | F | G | I | 227 |
| 732 | GTC | GGC | GTC | CAG | CTG | TGG | GCA | GGG | CTG | CTT | CGG | AAC | CGA | TGC | TTC | CTA | CCT | GAG | AAT | TTC | 791 |
| 228 | V | G | V | Q | L | W | A | G | L | L | R | N | R | C | F | L | P | E | N | F | 247 |
| 792 | AGC | CTC | CCC | | AGC | GTG | GAC | CTG | GAG | CGC | TAT | TAC | CAG | ACA | GAG | AAC | GAG | GAT | GAG | AGC | 851 |
| 248 | S | L | P . | | S | V | D | L | E | R | Y | Y | Q | T | E | N | E | D | E | S | 267 |
| 852 | P | TTC | ATC | TGC | TCC | CAG | CCA | CGC | GAG | AAC | GGC | ATG | CGG | TCC | TGC | AGA | AGC | GTG | CCC | ACG | 911 |
| 268 | CCC | F | I | C | S | Q | P | R | E | N. | G | M | R | S | C | R | S | V | P | T | 287 |
| 912 | CTG | CGC | GGG | GAC | GGG | GGC | GGT | GGC | CCA | CCT | | GGT | CTG | GAC | TAT | GAG | GCC | TAC | AAC | AGC | 971 |
| 288 | L | R | G | D | G | G | G | G | P | P | | G | L | D | Y | E | A | Y | N | S | 307 |
| 972 | TCC | AGC | AAC | ACC | ACC | TGT | GTC | AAC | TGG | AAC | CAG | TAC | TAC | ACC | AAC | TGC | TCA | GCG | GGG | GAG | 1031 |
| 308 | S | S | N | T | T | C | V | N | W | N | Q | Y | Y | T | N | C | S | A | G | E | 327 |
| 1032 328 | | AAC N | CCC P | | AAG K | GGC G | GCC A | ATC I | AAC N | TTT F | | | | GGC G | TAT Y | GCC A | TGG W | ATC I | GCC A | ATC I | 1091 347 |
| 1092 348 | TTC F | CAG Q | GTC V | ATC I | ACG T | | | | | GTC V | | | | TAC Y | | GTG V | ATG M | GAT D | GCT A | CAT H | 1151 367 |
| 1152 368 | TCC S | TTC F | | AAT N | TTC F | | | TTC F | | | CTC L | | ATC I | | | TCC S | | TTC F | ATG M | ATC I | 1211 387 |
| 1212 388 | | | TGC C . | | | | | | | | TTC F | | | | | CAG Q | | GAA E | AGC S | CAG Q | 1271 407 |
| 1272 408 | | | | | | | | | TTC F | | | | GCC A | | | | GCT A | AGC S | TTC F | TCT S | 1331 427 |
| 1332 428 | GAG E | | | | | | | | | | | TAC Y | | | TAC Y | ATC I | CTT L | CGT R | AAG K | GCA A | 1391 447 |



1392 GCC CGC AGG CTG GCT CAG GTC TCT CGG GCA GCA GGT GTG CGG GTT GGG CTG CTC AGC AGC 1451 448 A R R L A Q V S R A A G V R V 467 P L G G Q E T Q P S S S C S R н н н н н н н 1572 GGC AAT GGG ACG CTC AGG GCC CCC CGG GCC AGC CCG GAG ATC CAG GAC AGG GAT GCC AAT 1631 R P R A Α S P 527 1632 GGG TCC CGC AGG CTC ATG CTG CCA CCC TCG ACG CCT GCC CTC TCC GGG GCC CCC CCT 1691 528 G S R R L M L P P P S TPAL 547 1692 GGT GGC GCA GAG TCT GTG CAC AGC TTC TAC CAT GCC GAC TGC CAC TTA GAG CCA GTC CGC 1751 548 G H A D С н P 1752 TGC CAG GCG CCC CCT CCC AGG TCC CCA TCT GAG GCA TCC GGC AGG ACT GTG GGC AGC GGG 1811 568 C Q R P A P P S S Ε Α S R 587 1812 AAG GTG TAT CCC ACC GTG CAC ACC ACC CCT CCA CCG GAG ACG CTG AAG GAG AAG GCA CTA
588 K V Y P T V H T S P P P E T L K E K A L 1871 1872 GTA GAG GTG GCT GCC AGC TCT GGG CCC CCA ACC CTC ACC AGC CTC AAC ATC CCA CCC GGG 1931 P L T S 627 1932 CCC TAC AGC TCC ATG CAC AAG CTG CTG GAG ACA CAG AGT ACA GGT GCC TGC CAA AGC TCT 1991 H K L L E T Q S T A C Q S 647 1992 TGC AAG ATC TCC AGC CCT TGC TTG AAA GCA GAC AGT GGA GCC TGT GGT CCA GAC AGC TGC 2051 C L S S P K A D SGA С G 667 2052 CCC TAC TGT GCC CGG GCC GGG GCA GGG GAG GTG GAG CTC GCC GAC CGT GAA ATG CCT GAC 2111 ARAGA GEV ELA D R E М 687 2112 TCA GAC AGC GAG GCA GTT TAT GAG TTC ACA CAG GAT GCC CAG CAC AGC GAC CTC CGG GAC 2171 A Q H 707 2172 CCC CAC AGC CGG CGG CAA CGG AGC CTG GGC CCA GAT GCA GAG CCC AGC TCT GTG CTG GCC 2231 708 P H S R R ORS L G D Α E 2232 TTC TGG AGG CTA ATC TGT GAC ACC TTC CGA AAG ATT GTG GAC AGG TAC TTT GGC CGG 2291 728 FWRLICDT FRK I V D S K F 2292 GGA ATC ATG ATC GCC ATC CTG GTC AAC ACA CTC AGC ATG GGC ATC GAA TAC CAC GAG CAG 2351 748 G I M I A I L V NTLSMG Ι Ε Н 767 2352 CCC GAG GAG CTT ACC AAC GCC CTA GAA ATC AGC AAC ATC GTC TTC ACC AGC CTC TTT GCC 2411 768 P 787 2412 CTG GAG ATG CTG CTG AAG CTG CTT GTG TAT GGT CCC TTT GGC TAC ATC AAG AAT CCC TAC K L L G ₽ F 807 2472 AAC ATC TTC GAT GGT GTC ATT GTG GTC ATC AGC GTG TGG GAG ATC GTG GGC CAG CAG GGG 2531 D G V I I S W E 1 2532 GGC GGC CTG TCG GTG CTG CGG ACC TTC CGC CTG ATG CGT GTG CTG AAG CTG GTG CGC TTC 2591 RTFRL MRVL KL Ŕ 847 2592 CTG CCG GCG CTG CAG CGG CAG CTG GTG GTG CTC ATG AAG ACC ATG GAC AAC GTG GCC ACC 2651 L. R Q L ٧ M K T M D 867 2652 TTC TGC ATG CTG CTT ATG CTC TTC ATC TTC ATC TTC AGC ATC CTG GGC ATG CAT CTC TTC 2711 I с м M I. F F F I 887 2712 GGC TGC AAG TTT GCC TCT GAG CGG GAT GGG GAC ACC CTG CCA GAC CGG AAG AAT TTT GAC 2771 FASERDGD T L Ъ D R 907 2772 TCC TTG CTC TGG GCC ATC GTC ACT GTC TTT CAG ATC CTG ACC CAG GAG GAC TGG AAC AAA 2831 V F Q I L T Q E D W N 927 2832 GTC CTC TAC AAT GGT ATG GCC TCC ACG TCG TCC TGG GCG GCC CTT TAT TTC ATT GCC CTC 2891 928 V S s s 947 2892 ATG ACC TTC GGC AAC TAC GTG CTC TTC AAT TTG CTG GTC GCC ATT CTG GTG GAG GGC TTC 2951

948 M T F G N Y VLFNL L V A 967 2952 CAG GCG GAG GAA ATC AGC AAA CGG GAA GAT GCG AGT GGA CAG TTA AGC TGT ATT CAG CTG 3011 968 Q A E E I S K R E D A S G Q L 3012 CCT GTC GAC TCC CAG GGG GGA GAT GCC AAC AAG TCC GAA TCA GAG CCC GAT TTC TTC TCA 3071 OGGDANKSES 1007 3072 CCC AGC CTG GAT GGT GAT GGG GAC AGG AAG AAG TGC TTG GCC TTG GTG TCC CTG GGA GAG 3131 D G D G D R K K С L 1027 3132 CAC CCG GAG CTG CGG AAG AGC CTG CTG CCG CCT CTC ATC ATC CAC ACG GCC GCC ACA CCC 1028 H P E L R K S L L P P L I 1047 3192 ATG TCG CTG CCC AAG AGC ACC AGC ACG GGC CTG GGC GAG GCG CTG GGC CCT GCG TCG CGC 3251 1048 M S L P K S T S T G L G E A L G Α 1067 3252 CGC ACC AGC AGC AGC GGG TCG GCA GAG CCT GGG GCG GCC CAC GAG ATG AAG TCA CCG CCC 3311 SGSAEPGAAHEMKSP 1087 3312 AGC GCC CGC AGC TCT CCG CAC AGC CCC TGG AGC GCT GCA AGC AGC TGG ACC AGC AGG CGC 3371 P H S A R S P WSAA S W 1107 3372 TCC AGC CGG AAC AGC CTC GGC CGT GCA CCC AGC CTG AAG CGG AGA AGC CCA AGT GGA GAG S R N S L G R A P S L K R R S 1127 3432 CGG CGG TCC CTG TTG TCG GGA GAA GGC CAG GAG AGC CAG GAT GAA GAG GAG AGC TCA GAA L G E G E 3492 GAG GAG CGG GCC AGC CCT GCG GGC AGT GAC CAT CGC CAC AGG GGG TCC CTG GAG CGG GAG 3551 1148 E R A S P A G S D H R H R G S 3552 GCC AAG AGT TCC TTT GAC CTG CCA GAC ACA CTG CAG GTG CCA GGG CTG CAT CGC ACT GCC 3611 1168 A K S S F D L P D T L Q V P G L H R 1187 3612 AGT GGC CGA GGG TCT GCT TCT GAG CAC CAG GAC TGC AAT GGC AAG TCG GCT TCA GGG CGC 3671 1188 S G R G S A S E H Q D C N G K S A S G 1207 3672 CTG GCC CGG GCC CTG CGG CCT GAT GAC CCC CCA CTG GAT GGG GAT GAC GCC GAT GAC GAG 3731 1208 L A R A L R P D D P P L D G D D A D D E 1227 3732 GGC AAC CTG AGC AAA GGG GAA CGG GTC CGC GCG TGG ATC CGA GCC CGA CTC CCT GCC TGC 3791 R VRA KGE I R 3792 TAC CTC GAG CGA GAC TCC TGG TCA GCC TAC ATC TTC CCT CCT CAG TCC AGG TTC CGC CTC 3851 LERDSWSAYIF PPQS 3852 CTG TGT CAC CGG ATC ATC ACC CAC AAG ATG TTC GAC CAC GTG GTC CTT GTC ATC ATC TTC 1268 L C H R I I T HKMFDHV 1287 3912 CTT AAC TGC ATC ACC ATC GCC ATG GAG CGC CCC AAA ATT GAC CCC CAC AGC GCT GAA CGC 3971 1288 L N C I T I A M ERPK I D H 3972 ATC TTC CTG ACC CTC TCC AAT TAC ATC TTC ACC GCA GTC TTT CTG GCT GAA ATG ACA GTG 4031 1308 I F L T L S N Y I F T A V F L A E 1327 4032 AAG GTG GTG GCA CTG GGC TGG TGC TTC GGG GAG CAG GCG TAC CTG CGG AGC AGT TGG AAC 4091 CFGEQAYLRS 1347 4092 GTG CTG GAC GGG CTG TTG GTG CTC ATC TCC GTC ATC GAC ATT CTG GTG TCC ATG GTC TCT LIS 1367 4152 GAC AGC GGC ACC AAG ATC CTG GGC ATG CTG AGG GTG CTG CGG CTG CGG ACC CTG CGC 4211 G T K I L G M L R V L R L R 4212 CCG CTC AGG GTG ATC AGC CGG GCG CAG GGG CTG AAG CTG GTG GTG GAG ACG CTG ATG TCC 4271 1388 P L R V I S R A Q G L K L E 1407 4272 TCA CTG AAA CCC ATC GGC AAC ATT GTA GTC ATC TGC TGT GCC TTC TTC ATC ATT TTC GGC V С 1427 4332 ATC TTG GGG GTG CAG CTC TTC AAA GGG AAG TTT TTC GTG TGC CAG GGC GAG GAT ACC AGG .4391 F K G K COGE 4392 AAC ATC ACC AAT AAA TCG GAC TGT GCC GAG GCC AGT TAC CGG TGG GTC CGG CAC AAG TAC 4451 1448 N I T N K S D C A E A S Y R W V R H K Y 1467

4452 AAC TTT GAC AAC CTT GGC CAG GCC CTG ATG TCC CTG TTC GTT TTG GCC TCC AAG GAT GGT 4511 F D N L G Q A L M S L F V L A S K D 4512 TGG GTG GAC ATC ATG TAC GAT GGG CTG GAT GCT GTG GGC GTG GAC CAG CCC ATC ATG 4571 M D G D A V 1507 4572 AAC CAC AAC CCC TGG ATG CTG CTG TAC TTC ATC TCG TTC CTG CTC ATT GTG GCC TTC TTT 4631 PWMLL YFISF 1527 4632 GTC CTG AAC ATG TTT GTG GGT GTG GTG GAG AAC TTC CAC AAG TGT AGG CAG CAC CAG 4691 1528 V G E N F н K С R 1547 4751 ĖΕ 1548 E E R A R R Ε Ε ĸ R L R R L 4752 AGG AAA GCC CAG TGC AAA CCT TAC TAC TCC GAC TAC TCC CGC TTC CGG CTC CTC GTC CAC 4811 Y Y S D Y S 1568 R K A Q C K P R 1587 4812 CAC TTG TGC ACC AGC CAC TAC CTG GAC CTC TTC ATC ACA GGT GTC ATC GGG CTG AAC GTG 4871 SHYLDLFIT G Ι G 1607 4872 GTC ACC ATG GCC ATG GAG CAC TAC CAG CAG CCC CAG ATT CTG GAT GAG GCT CTG AAG ATC 4931 TMAMEH Y Q Q P 1627 4932 TGC AAC TAC ATC TTC ACT GTC ATC TTT GTC TTG GAG TCA GTT TTC AAA CTT GTG GCC TTT 4991 v F T V Ι F L E. S v 1647 4992 GGT TTC CGT CGG TTC TTC CAG GAC AGG TGG AAC CAG CTG GAC CTG GCC ATT GTG CTG 5051 N Q ODRW L Ď A 5052 TCC ATC ATG GGC ATC ACG CTG GAG GAA ATC GAG GTC AAC GCC TCG CTG CCC ATC AAC CCC 5111 M G E Ε 1687 5112 ACC ATC ATC CGC ATC ATG AGG GTG CTG CGC ATT GCC CGA GTG CTG AAG CTG CTG AAG ATG 5171 1688 T I I R I M RVLRIA R V 1707 5172 GCT GTG GGC ATG CGG GCG CTG CTG GAC ACG GTG ATG CAG GCC CTG CCC CAG GTG GGG AAC 5231 VGMRALLDTVMQAL P 1727 5232 CTG GGA CTT CTC TTC ATG TTG TTT TTC ATC TTT GCA GCT CTG GGC GTG GAG CTC TTT 5291 G L L F M L L F F I F A A L G 1747 5292 GGA GAC CTG GAG TGT GAC GAG ACA CAC CCC TGT GAG GGC CTG GGC CGT CAT GCC ACC TTT 5351 н E C D E T CEGLGRHA P 1767 5352 CGG AAC TTT GGC ATG GCC TTC CTA ACC CTC TTC CGA GTC TCC ACA GGT GAC AAT TGG AAT 5411 М Α L Т F R s 1787 5412 GGC ATT ATG AAG GAC ACC CTC CGG GAC TGT GAC CAG GAG TCC ACC TGC TAC AAC ACG GTC 5471 1788 G I M K D T L R D C D Q E S T 1807 5472 ATC TCG CCT ATC TAC TTT GTG TCC TTC GTG CTG ACG GCC CAG TTC GTG CTA GTC AAC GTG 5531 1808 I PΙ v S v T A Q F 1827 5591 1828 V IAVLM K HLEE S N K 1847 5592 GAG CTA GAG GCT GAG CTG GAG CTG GAG ATG AAG ACC CTC AGC CCC CAG CCC CAC TCG CCA 5651 ELELEMKTL S 1867 5652 CTG GGC AGC CCC TTC CTC TGG CCT GGG GTC GAG GGC CCC GAC AGC CCC GAC AGC CCC AAG 5711 F L W P G V E G P D S D 1887 5712 CCT GGG GCT CTG CAC CCA GCG GCC CAC GCG AGA TCA GCC TCC CAC TTT TCC CTG GAG CAC 5771 G A L H P A A H A R S A S H F S L 1907 5772 CCC ACG ATG CAG CCC CAC CCC ACG GAG CTG CCA GGA CCA GAC TTA CTG ACT GTG CGG AAG 5831 1908 P M Q P н P T E L P G P D 1927 5832 TCT GGG GTC AGC CGA ACG CAC TCT CTG CCC AAT GAC AGC TAC ATG TGT CGG CAT GGG AGC 5891 R T H S L. P N D S M 1947 · 5892 ACT GCC GAG GGG CCC CTG GGA CAC AGG GGC TGG GGG CTC CCC AAA GCT CAG TCA GGC TCC 5951 H R G W G L 1967

5952 GTC TTG TCC GTT CAC TCC CAG CCA GCA GAT ACC AGC TAC ATC CTG CAG CTT CCC AAA GAT 1968 V L S V H S Q P A D T S Y I L Q L P K D 6012 GCA CCT CAT CTG CTC CAG CCC CAC AGC GCC CCA ACC TGG GGC ACC ATC CCC AAA CTG CCC 6071 1988 A P H L L Q P H S A P T G T 6072 CCA CCA GGA CGC TCC CCT TTG GCT CAG AGG CCA CTC AGG CGC CAG GCA ATA AGG ACT 6131 GRSPLAQRPL R R Q 2027 6132 GAC TCC TTG GAC GTT CAG GGT CTG GGC AGC CGG GAA GAC CTG CTG GCA GAG GTG AGT GGG 6191 2028 D S L D VQGLGSREDLL А E 2047 6192 CCC TCC CCG CCC CTG GCC CGG GCC TAC TCT TTC TGG GGC CAG TCA AGT ACC CAG GCA CAG 6251 S P P L A R A Y S F W G Q S S T Q A 2067 6252 CAG CAC TCC CGC AGC CAC AGC AAG ATC TCC AAG CAC ATG ACC CCG CCA GCC CCT TGC CCA 6311 2068 Q H S R S H S K I S K H M 2087 6312 GGC CCA GAA CCC AAC TGG GGC AAG GGC CCT CCA GAG ACC AGA AGC AGC TTA GAG TTG GAC 6371 P E R 2107 6372 ACG GAG CTG AGC TGG ATT TCA GGA GAC CTC CTG CCC CCT GGC GGC CAG GAG GAG CCC CCA 6431 2108 T E L S W I S GDLLPPGG 6432 TCC CCA CGG GAC CTG AAG AAG TGC TAC AGC GTG GAG GCC CAG AGC TGC CAG CGC CGG CCT 6491 2128 S P R D L K K C Y S V E A Q S C Q R 2147 6492 ACG TCC TGG CTG GAT GAG CAG AGA CAC TCT ATC GCC GTC AGC TGC CTG GAC AGC GGC WLDEQRRHSIAVS С L Ð 2167 6552 TCC CAA CCC CAC CTG GGC ACA GAC CCC TCT AAC CTT GGG GGC CAG CCT CTT GGG GGG CCT 6611 2168 S Q P H L G T D P S N L G G Q P L G G 2187 6612 GGG AGC CGG CCC AAG AAA AAA CTC AGC CCG CCT AGT ATC ACC ATA GAC CCC CCC GAG AGC 6671 KKKL S P P S I DPPES 2207 6672 CAA GGT CCT CGG ACC CCG CCC AGC CCT GGT ATC TGC CTC CGG AGG AGG GCT CCG TCC AGC 6731 2208 Q G P R T P P S P G I C L R R 2227 6732 GAC TCC AAG GAT CCC TTG GCC TCT GGC CCC CCT GAC AGC ATG GCT GCC TCG CCC TCC CCA 6791 2228 D S K LASGPPDSMA D P S 2247 6792 AAG AAA GAT GTG CTG AGT CTC TCC GGT TTA TCC TCT GAC CCA GCA GAC CTG GAC CCC TGA 6851 2248 K K D V S L s G L SSDPADLD 2267 6852 gtcctgcccactttcccactcacctttctccactgggtgc 6892

 $\alpha_{1G}^{}$ human 2 mM Ca²⁺

COMPARISON OF P-REGIONS

| | NIC- | NIC- | Rat- | $L^{-T}y$ | T-T | Na |
|------------|-------|---------------|-------|-----------|-------|-------|
| | | | | ٠ | | |
| | | | | | | |
| | DWNDI | DWNDI | DWNKI | AWQDI | NWNGI | GWDGL |
| 2 | ы | M | M | 2 | ρ | K |
| <i>~</i> 1 | | RSVTG E | | | | |
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